The 225 EIU ( CONSERVATIVE

## STATE OF MISSOURI GEOLOGICAL SURVEY PROGRAM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

FEB 2 6 2013

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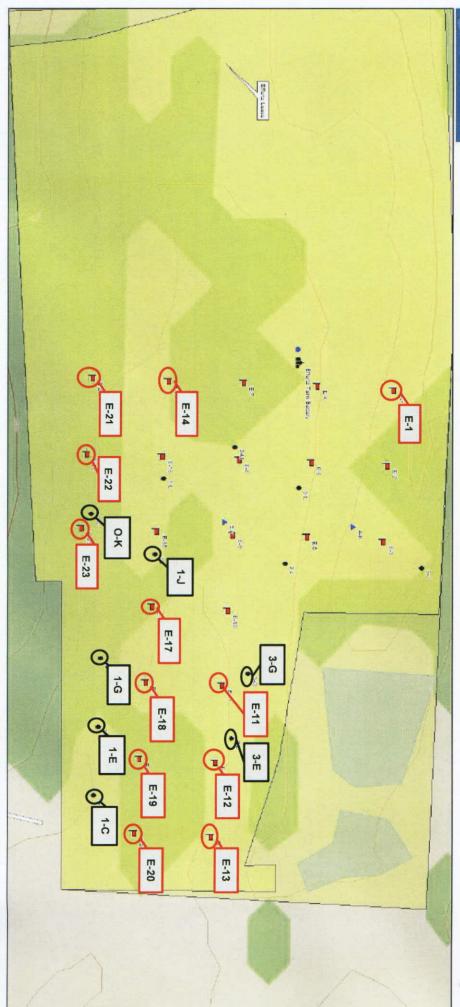
STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

FEB FORM DGC-113

INJECTION WELL LOCATION PLAT Council OWNER'S NAME Kansas Resource Exploration & Development, LLC LEASE NAME MacLaughlin E-12 Cass (GIVE FOOTAGE FROM SECTION LINES) WELL LOCATION 1650 ft. from North ✓ South section line 1980 ft. from ✓East West section line WELL LOCATION Township 46 North Range 33 ☐ East ☑ West W94° 34' 19.92" 🗸 N38° 50' 9.97" V Plussen 2/20/2013 REMARKS 14.50 FSL Plat Map Scale - 1 Square = 660 feet This is to certify that I have executed a survey to accurately INSTRUCTIONS locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat. On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked. REGISTERED LAND SURVEY NUMBER

O - Circled wells in red are new permits greater then 330' from any well

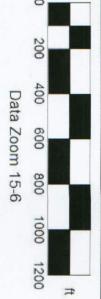
O – Circled wells in black are plugged existing wells XMap® 7

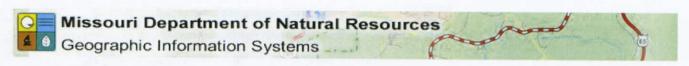


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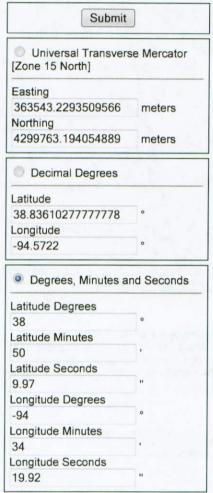
MN (2.1° E)





## **Check Location**

Select a coordinate format, enter a pair of coordinates in the boxes below it, and then press the SUBMIT button. Please be patient while your information is retrieved. Your coordinates will be converted to the other formats, the information on the right-hand side of the page will be filled in based on your coordinates, and a map will be generated. NOTE: All coordinates must use the North American Datum of 1983 (NAD83).



UTM Zone 15N [Easting, Northing]	[ 363543.2, 4299763.1 ] meters
Decimal Degrees [Lat, Lon]	[ 38.836102°, -94.5722° ]
Deg, Min, Sec [Lat, Lon]	[ 38° 50' 9.9", -94° 34' 19.9" ]
County Name	Cass
County FIPS Code	037
Legal Description	Section 04 T46N R33W
Municipality	Belton
House District	56
Senate District	31
Congressional District	4
MoDNR Region	Kansas City Regional Office
USGS 1:24,000 Quadrangle	Belton [38094-G5]
8 Digit Watershed	10300101 [Lower Missouri-Crooked]
10 Digit Watershed	1030010101 [Blue River]
12 Digit Watershed	103001010104 [Camp Branch-Blue River]
Special Well Drilling Area	Area 2
<b>Ecological Drainage Unit</b>	Central Plains/Blackwater/Lamine
Level III Ecoregion	Central Irregular Plains
Query Time	8.672 s

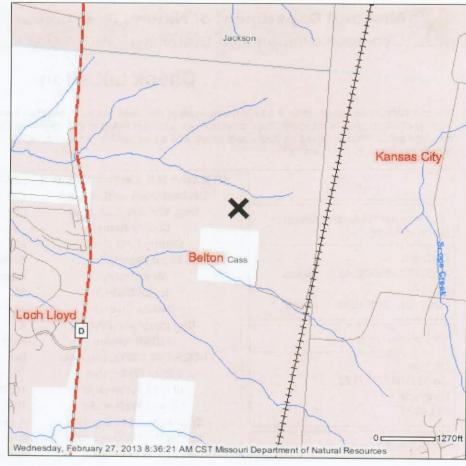
Rows with red text indicate that the input location is too close to a boundary to produce reliable results.

NOTE: A result of 'NO VALUE' is usually an indication that no data was found for the location. For example, not every point in Missouri will lie within a municipal boundary, so some will result in a 'NO VALUE'. If 'County Name' results in 'NO VALUE', your point probably lies outside the state.

## Metadata

- · Interstate Highways
- US Highways
- State Highways
- Railroad
- · Major and Minor Roads
- County Boundary
- Lakes
- Major Rivers
- · Rivers and Streams
- Missouri River
- · Mississippi River
- Municipal





View Scale 1:24,000

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http://dnr.mo.gov/gisutils/processlocation.do